



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F 17/60, H04N 7/173	A1	(11) International Publication Number: WO 95/15533 (43) International Publication Date: 8 June 1995 (08.06.95)
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(21) International Application Number: PCT/US94/13820

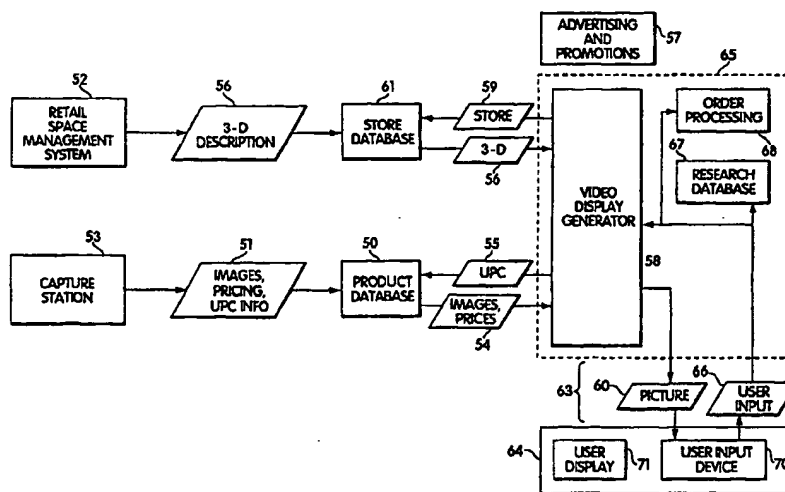
(22) International Filing Date: 30 November 1994 (30.11.94)

(30) Priority Data:
08/159,335 30 November 1993 (30.11.93) US(71)(72) Applicant and Inventor: BURKE, Raymond, R. [US/US];
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(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ).

Published*With international search report.**Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.*

(54) Title: COMPUTER SYSTEM FOR ALLOWING A CONSUMER TO PURCHASE PACKAGED GOODS AT HOME

**(57) Abstract**

A system for generating images representative of a store shelf includes a retail space management system for generating information describing product and shelf sizes and locations in three dimensions, and including a code which is unique to each product. The products are typically commodity goods. A product database is used to store images of product packages which are accessible using codes unique to each product. A three-dimensional modeling and display system which takes size and location information from the retail space management system and generates three-dimensional models of each shelf and product and accesses the product database using the codes provided by the retail space management system to obtain images for each product. It generates a display of each product on each shelf by combining the obtained images and the generated three-dimensional models. The consumer may manipulate the display to change what is being viewed, to examine product packages and to purchase products.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/31757

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 17/60, 15/16; G09G 5/00

US CL : 705/26, 27, 14; 345/781; 709/245

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 705/26, 27, 14; 345/781; 709/245

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST, DIALOG

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,640,193 A (WELLNER) 17 June 1997, see entire document.	1-70, 72-83, 92 97-103, 105, 109 115, 120-121 126, 132-134 139, 142-280 282-398
Y	US 5,913,210 A (CALL) 15 June 1999, see entire document.	1-70, 72-83, 92 97-103, 105, 109 115, 120-121 126, 132-134 139, 142-280 282 398



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"A" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

04 AUGUST 2001

Date of mailing of the international search report

17 JUL 2002

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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